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Using HPE SimpliVity

HP HPE2-K45

Version Demo

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Topic Break Down

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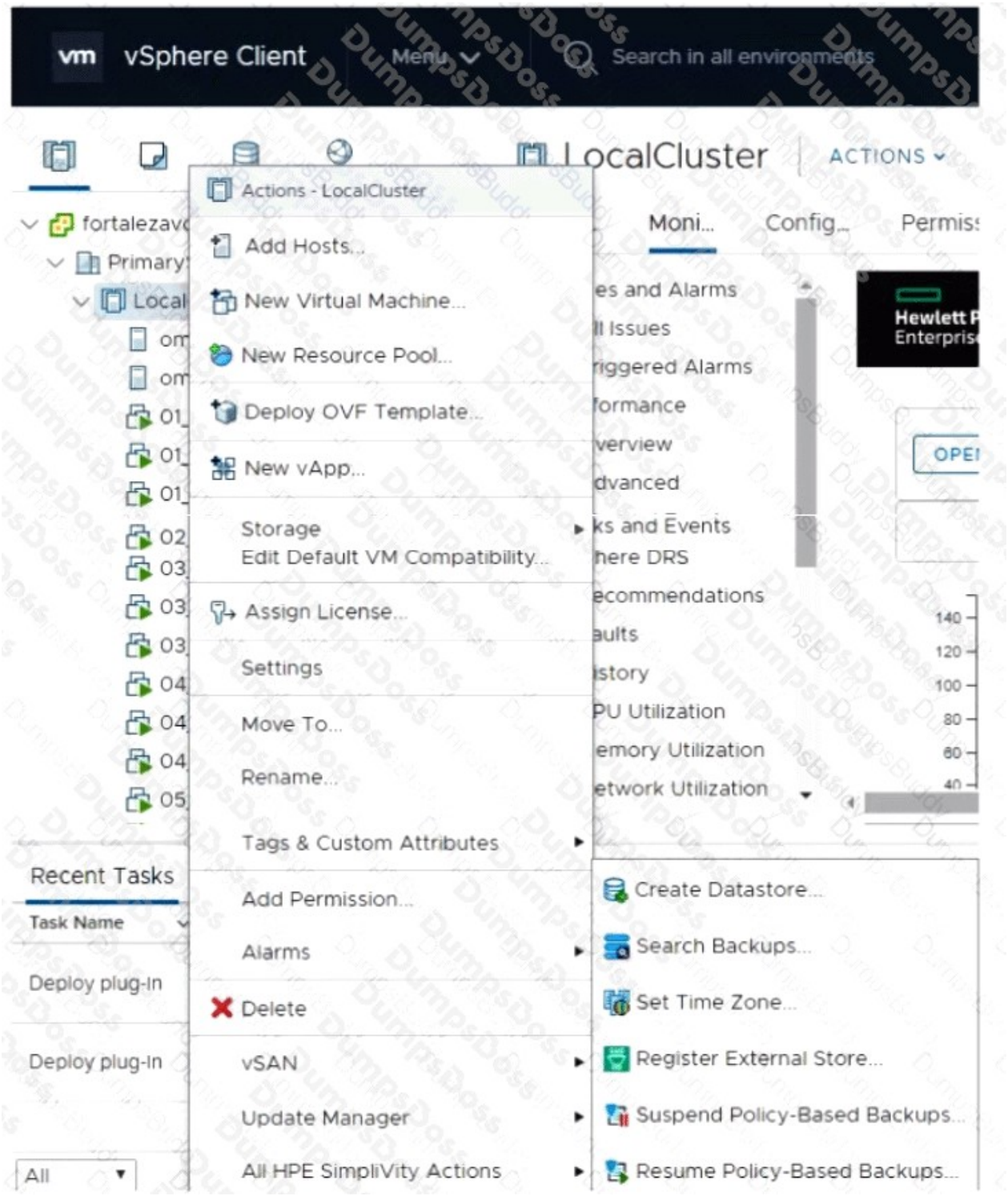
QUESTION NO: 1 - (SIMULATION)

Click the option that will allow you to integrate HPE SimpliVity with HPE Storence.



ANSWER: See the explanation for the answer

Explanation:

Select `All HPE SimpliVity Actions > Register External Store....`

This registers an HPE StoreOnce Catalyst Store as the external backup target for the HPE SimpliVity federation/cluster, enabling SimpliVity backups to be stored on HPE StoreOnce.

QUESTION NO: 2

A customer is planning HPE Storence integration with HPE SimpliVity. What is a major consideration for this integration?

A. Number of HPE StoreOnce/SimpliVity integration licenses

B. Number of the stores configured with HPE SimpliVity

C. Physical location of HPE StoreOnce

D. Limited support from software-optimized HPE SimpliVity models

ANSWER: D

Explanation:

Limited support from software-optimized HPE SimpliVity models is the major consideration. The integration referred to is HPE StoreOnce integration, which enables HPE SimpliVity environments to use an external StoreOnce system as a backup target. This capability depends on the particular SimpliVity platform and software release in use; it is not a universally available feature across every software-optimized deployment. Therefore, the architect must validate that the intended SimpliVity model, VMware version, SimpliVity software version, and StoreOnce version are included in the applicable interoperability and support guidance before committing to the design.

This validation is important because external backup architecture affects how backup policies are designed, where backup copies are retained, and the recovery options available to the customer. A supported configuration also ensures that HPE can provide support for the complete SimpliVity-to-StoreOnce backup workflow. Review the current SimpliVity documentation and support information for the exact release and platform, together with the HPE StoreOnce product information, before implementation. See the HPE Support Center and the HPE StoreOnce product page.

QUESTION NO: 3

When should an svtcli account be used?

A. to access HPE SimpliVity data using REST API

B. when two or more VCs are not available

C. when hypervisor-based user is unavailable

D. for a daily management tasks performed using CLI

ANSWER: C

Explanation:

The `svtcli` account should be used when a hypervisor-based user is unavailable. In HPE SimpliVity, normal administrative access is ordinarily authenticated through the vCenter Server and its associated identity mechanisms. The local `svtcli` account provides a controlled fallback for command-line administration when that normal, hypervisor-managed authentication path cannot be used—for example, during a vCenter Server availability or connectivity issue. This enables an authorized administrator to access the SimpliVity CLI for necessary recovery or diagnostic operations without depending on vCenter-based credentials. Because it is a local, exceptional-access account, its credentials should be protected carefully and its use should follow the organization's privileged-access and incident procedures. HPE documentation describes the CLI authentication and administrative procedures for SimpliVity environments in the SimpliVity Administrator Guide: HPE SimpliVity Administrator Guide. HPE also maintains current SimpliVity documentation and product resources through its support portal: HPE SimpliVity Support.

QUESTION NO: 4

Which HPE SimpliVity Data Visualization Platform layer is responsible for storage and tracking of all data and metadata?

A. Persistent Storage layer

B. Presentation layer

C. Data Management layer

D. object Storage layer

ANSWER: A

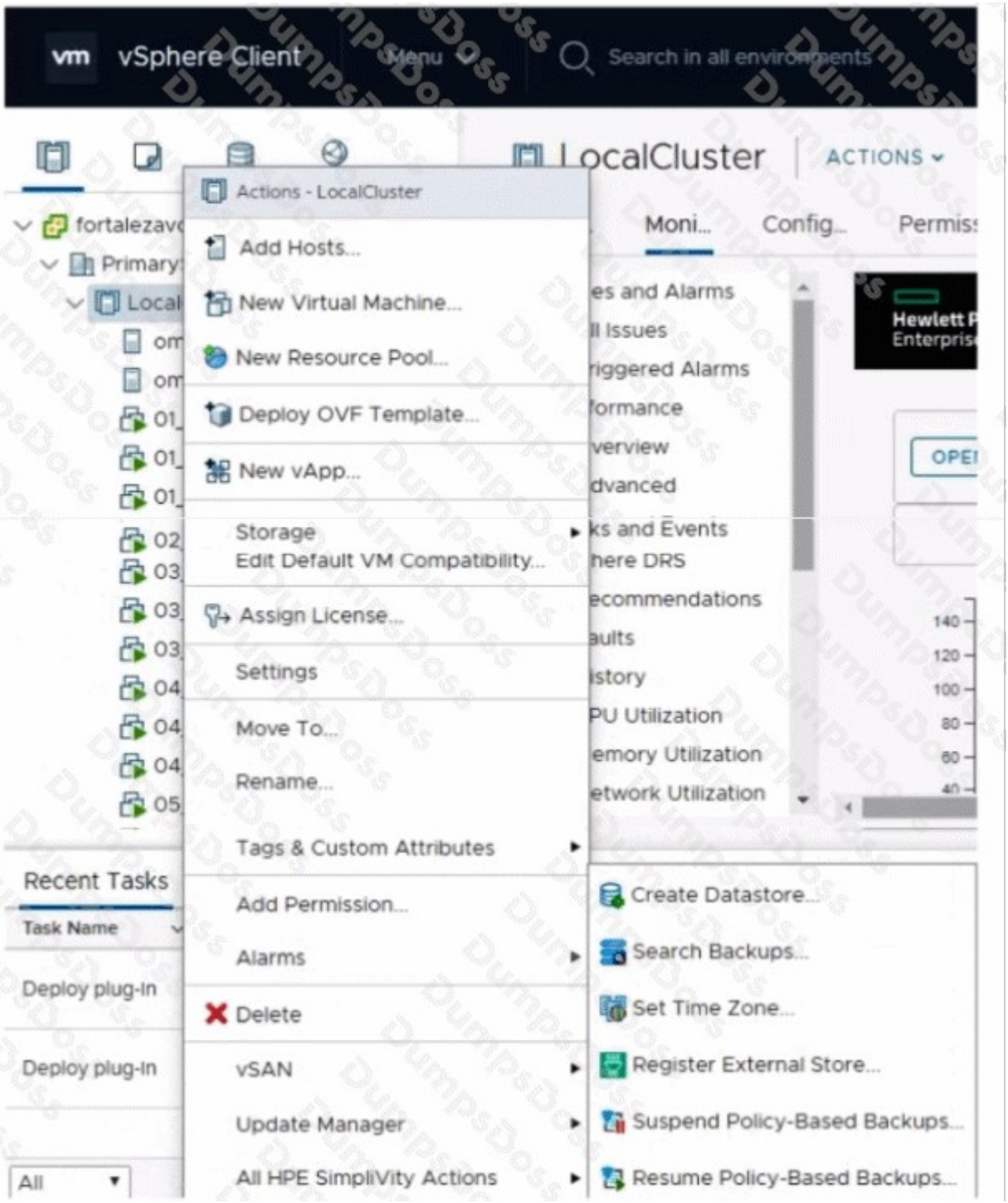
Explanation:

Persistent Storage layer is correct because it provides the durable, physical persistence tier within the HPE SimpliVity Data Virtualization Platform architecture. This layer stores the system's data and associated metadata on the underlying storage devices, ensuring that information remains available across processing operations and system restarts. Metadata is particularly important in SimpliVity because it describes and tracks the data objects managed by the platform, supporting the platform's globally unified, efficient handling of virtual-machine data.

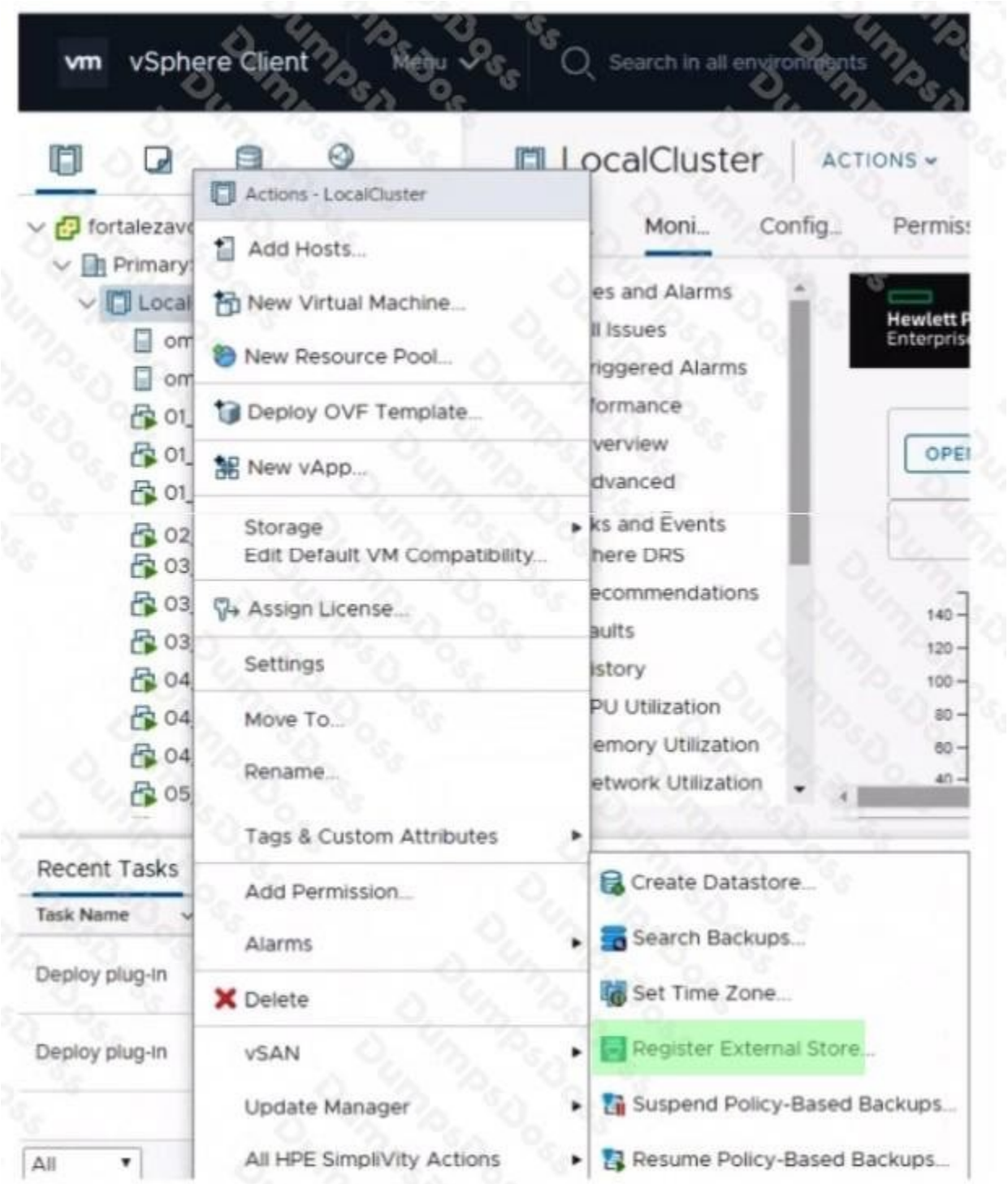
The persistent-storage function underpins the higher-level services delivered by the SimpliVity software stack. By maintaining both the stored data and the metadata used to identify and manage it, the layer gives the platform a reliable on-disk record from which data can be accessed, protected, and recovered. HPE describes SimpliVity as hyperconverged infrastructure that combines compute and storage resources while delivering built-in data services and simplified management. For HPE SimpliVity product and documentation resources, see HPE SimpliVity and HPE Support Center.

QUESTION NO: 5 - (HOTSPOT)

Click the option that will allow you to integrate HPE SimpliVity with HPE Storence.


vSphere Client
Menu
Search in all environments
LocalCluster
ACTIONS
Actions - LocalCluster
Add Hosts...
New Virtual Machine...
New Resource Pool...
Deploy OVF Template...
New vApp...
Storage
Edit Default VM Compatibility...
Assign License...
Settings
Move To...
Rename...
Tags & Custom Attributes
Add Permission...
Alarms
Delete
vSAN
Update Manager
All HPE SimpliVity Actions
Create Datastore...
Search Backups...
Set Time Zone...
Register External Store...
Suspend Policy-Based Backups...
Resume Policy-Based Backups...
Recent Tasks
Task Name
Deploy plug-in
Deploy plug-in
All

ANSWER:



Explanation:

To integrate HPE SimpliVity with HPE StoreOnce, select **Register External Store...** from the **All HPE SimpliVity Actions** submenu. Registering an external store establishes the SimpliVity-to-StoreOnce connection that is used for policy-based backups. It is the appropriate workflow because SimpliVity must first be given the details of the external StoreOnce target before backup policies can send backup data to it. The registration process identifies the external system and makes it available to the SimpliVity environment as a backup destination.

After the external StoreOnce system is registered, administrators can use SimpliVity backup policies to protect virtual machines and direct copies to the registered external store. This supports longer-term retention outside the local SimpliVity cluster while retaining centralized backup management through the SimpliVity plug-in in vSphere Client. The related SimpliVity actions shown in the same menu, including policy-based backup controls, are available because external-store registration is part of the backup integration workflow. HPE describes StoreOnce as a backup and recovery platform, while SimpliVity documentation covers the use of external stores for backup operations. See the HPE StoreOnce overview and the HPE SimpliVity documentation portal for product documentation and backup integration guidance.

QUESTION NO: 6

A customer is designing remote backup protection between an HPE SimpliVity production site and a disaster-recovery site.

Which factors should be evaluated to ensure that the remote backup design can meet its recovery objectives? (Select two.)

A. WAN bandwidth available between the sites

B. The backup frequency and retained backup count

C. The number of VMware snapshots attached to each VM

D. The color assigned to the vCenter folder containing the VM

E. The number of physical Fibre Channel ports on the ESXi hosts

ANSWER: A B

Explanation:

WAN bandwidth available between the sites and **the backup frequency and retained backup count** should be evaluated. Remote backup copies must be transferred across the intersite network, so available bandwidth affects the time required to complete backup replication, particularly during periods of high data change. Backup frequency and retention determine how often data is protected and how many recovery points are maintained, affecting both network activity and capacity consumed at the destination. HPE SimpliVity data reduction can reduce the amount of data transferred, but it does not eliminate the need to size the WAN and destination capacity appropriately. See HPE SimpliVity and the HPE Support Center for current planning guidance.

QUESTION NO: 7

An administrator plans to place an HPE SimpliVity host into VMware maintenance mode for planned hardware maintenance.

Which actions should be completed before maintenance mode is enabled? (Select two.)

A. Migrate or evacuate virtual machines from the host.

B. Verify sufficient compute capacity on the remaining hosts.

C. Delete all backups created by the host.

D. Remove the host from the HPE SimpliVity federation.

E. Disable deduplication on the datastore.

ANSWER: A B

Explanation:

The administrator should **migrate or evacuate the virtual machines from the host** and **verify that the remaining hosts have sufficient compute capacity**. This allows workloads to continue running on surviving hosts while the node is unavailable. VMware vMotion can be used when the environment is correctly configured and the virtual machines are eligible for live migration. Capacity validation is important because the remaining nodes must provide enough CPU and memory resources for the evacuated workloads. The exact maintenance procedure should be validated against the installed HPE SimpliVity release documentation. See HPE Support Center and vSphere Resource Management documentation.